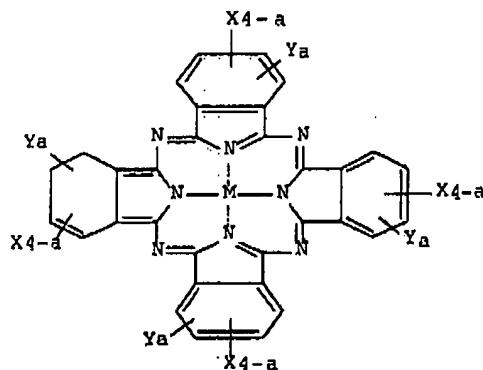


L7 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:235126 CAPLUS Full-text
 DN 122:216031
 TI Near-infrared -absorbing resin compositions containing
 phthalocyanine derivatives
 IN Kaieda, Osamu; Yoshitoshi, Koji; Onozaki, Yoshiho
 PA Nippon Catalytic Chem Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 PAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 06240146	A2	19940830	JP 1993-31664	19930222
PRAI JP 1993-31664		19930222		
OS MARPAT 122:216031				
GI				

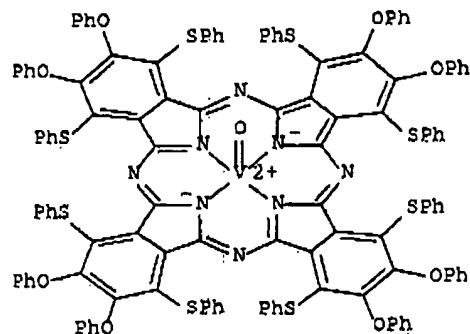


AB The title compns. contain phthalocyanines I (X = SR1, OR2; Y = phenylthio; optionally substituted by alkyl, alkoxy, or halo groups; R1 = C1-20 alkyl; R2 = C1-20 alkyl, (substituted) Ph; M = nonmetal, metal, metal oxide, metal halide; a = 2-3). A polycarbonate (Panlite 1285) containing 0.01% I (X = BuO; Y = PhS; a = 3; M = vanadyl) was extruded to give a 2-mm sheet with light transmittance 62.1% at 400-800 nm and 52.9% at 800-1800 nm.
 IT 152197-55-2 152223-14-8 162025-15-2
 162025-17-4 162025-21-0 162025-24-3
 162025-26-5 162051-57-2
 RL: MOA (Modifier or additive use); POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses) (near-IR absorbers; polymer moldings containing)

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RN 152223-14-8 CAPLUS

CN Vanadium, [2,3,9,10,16,17,23,24-octaphenoxy-1,4,8,11,15,18,22,25-octakis(phenylthio)-29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]oxo-, (SP-5-12) - (9CI) (CA INDEX NAME)



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